

A-0219

INSPECTOR'S REPORT

7	Di	strict NoFour				
	Rico	Colorado.	May 8	th	1943	
		NE (Unit of the (Name of Mine, Quarry or F	e Rico-Argent	ine Group	of Mines)
CountyDOLOI Pioneer Minis	res	Z	,1,			
Location 1 mile Reached by a	e easterly freauto and trai	om Rico, Colo.	R1	CO., COlor (Nearest Tow	9.0 m)	
Owner Rico Al	rgentine Mini	ng Company				
Address Dooley	y Block, Salt	Lake City, Uta	h.			
J.	J.Johnson, Vi	ing Company Pres. & Gen.Mg ce-Pres.,151 Fi 'y, 132 Main St	rst Ave., Salt	City, Utan Lake Cit	y, Utah.	olo
Edv	ward Baer. Ge	n. Supt., Rico,	Colo.	oruy, oua.		
C.T.Van Wink	le, Gen Manag	er, Salt Lake (lity, Utah, an	d Rico, C	olo.	
			•	-		
Name and address	of local manager or	person in direct charg	e of operations	-		
C.T.Van Wink	Le, Gen. Mana	ger, Salt Lake	City, Utah, a	nd Rico,	Colo.	
Name and address of	of company or persor	n to whom notification	of Annual Report sho	ould be sent	•	
		nager, Salt Lak	•		Colo.	
Character of ore or	other products Su	lphides, carryi	ng gold, silv pyrites,			
Producing-				N	ot Producing	
Number employed	underground 9	On sur	ace 9	Mil Mis	cellaneou	s l
Remarks: No Te	ort Blanks are elephone.	e on hand. s are provided.		- Compensatio	n not carrie d-	e de
Safety and Es	anitary Condi	tions, in gener	al, are satis	factory.		
DECADIBETON (NO DOODOOMY.	Minter and an and a		1. **. ***.		

DESCRIPTION OF PROPERTY: This mine is developed by the Van Winkle Shaft which is 312 feet in depth. It is 2-compartment and timbered throughout with 8 x 8 sawed timbers. Level No.1 is driven South 215 ft. from the shaft. A prospect raise is 72 ft. in height. A drift on Level No.1 North

is 219 ft. in length to-date.

On Level No. 3 they are cutting station, and will drive both north and south on this level.

Development work only is being done.

The small amount of ore encountered to date is found in fissures, and is a sulphide, carrying gold, silver, lead, iron pyrites, copper and zinc. No stated values.

Wet drilling is practised exclusively.

SURFACE PLANT consists of temporary building housing electrically-driven single drum Hoist with 3/4ⁿ Cable; temporary compressor house housing electrically-driven Air Compressor; Head Frame, Ore Bins; Trestles; etc.

These buildings will house a larger electrically-driven Hoist and will be equipped with 7/8" Cable. A larger electrically-driven Air Compressor will be installed in the Compressor House.

All moving parts are properly guarded.

Blacksmithing will be done at Rico-Argentine Shops.

Men live in Rico.

TIMBERING: Considerable timbering is necessary and is well installed. All openings are covered and guarded. Ladders are in good condition.

UNDERGROUND HAULAGE is man power. Cars and Track are in good condition.

EXPLOSIVES: A day's supply of explosives is taken from the Main Rico-Argentine Explosives Storage Magazine, and safely stored. Caps are safely stored. Carbide is stored in a safe dry place. Present powder regulations are fully observed.

ELECTRICITY is used for power and surface lighting. It is well installed, insulated, grounded and guarded.

FIRE PROTECTION consists of water and chemical extinguishers.

VENTILATION is mechanical. Pressure Blower is driven by 30 H.P. electric motor.

MISCELLANEOUS: This shaft was started in 1942 and work has been continuous since that time.

Diamond drilling was started in 1942, but owing to the character of the rock, it proved too expensive. Nothing definite as to ore bodies was found from this diamond drill prospecting.

At that time they started sinking the shaft.

Everything is clean and orderly about the property.

The Company co-operates with the Bureau of Mines and with the Inspector. Safety rules and regulations are fully observed.

Respectfully submitted,

State Metal Mine Inspector, Dist. No.4

INSPECTOR'S REPORT

	District NoFou	r	• .	
Rico	Colorado.		May 19th	1944
/*		•		•
'VAN WINKLE MINE(Unit of	the Rico-Arg	entine Grau	p.of.Mines)	
County Dolores	- :			•
Pioneer Mining District			V	•
Location 1 mile easterly f	rom Rico.Colo	rado	Rico, Colo	rado ·
Reached by auto and trai			(Nearest	
Owner Rico Argentine Min				
-		Matur IIItah	•	
Address Dooley Bloc	k, Salt Lake	Or cy, To carr	•	
Operator Rico Argentine M C.T. Van Winkle J.C. Fohnson, Vi W.G. Seeley, Sec James Edmunds, Name and address of agent, general m C.T. Van Winkle, Gen. Mgr Name and address of local manager of C.T. Van Winkle, Gen. Mgr	Pres.&Gen. Mce-Pres.,151 retary,132 Ma Gen. Supt.,R nanager or other office.,Salt Lake Corperson in direct ch	gr.,Salt La First Ave., in St.,Salt ico, Colora er on whom to se ity,Utah,an	Salt Lake City, I Lake City, I do rve notices d Rico, Colore	Jtah ido
·	•			
Name and address of company or pers C.T. Van Winkle, Gen. Mgr				Lo.
Character of ore or other products S	ulphides, car	rying gold,	silver, lead copper and	
		•		
Producing 350 tons per mon	th		•	Net-Preducing——
Number employed underground 11	On	surface 1	O` AAH Mi	scellaneous l
Compensation insurance carried Accident Report Blanks a	re on hand.		Compensat	ion not carried

First Aid Supplies are provided.
Have Dry and Change Room
Safety and Sanitary Conditions, in general, are satisfactory.

DESCRIPTION OF PROPERTY: This mine is developed by the Van Winkle

Remarks: Have Telephone.

Shaft which is 312 feet in depth. It is 2-compartment and timbered throughout with 8' x 8' sawed timbers. Level No.1 is approximately 150 ft. below collar. They drifted south 215 ft. from shaft. A

prospect raise is 72 ft. in height above this drift. They also drifted north 219 ft. from shaft.

Ore is mined on, and in stopes above, No.1 Level. Both north and south headings are being advanced.

Level No.2 is approximately 150 ft. below Level No.1

They have drifted south to date approximately 300 ft. and approximately 300 ft. south on this level. Ore is mined on, and in stopes above, No.2 Level both north and south of shaft. These stopes are approximately 30 ft. in height and are being extended in length. Both north and south headings are being advanced.

Air-operated mucking machines are used in these headings. Ore is found in beds and fissures and is located by diamond drilling. Ore is a sulphide, carrying gold, silver, lead, iron pyrites, copper and zinc. Stated values up to \$20.00 per ton.

Production is 350 tons per month, which is trucked to the Rico Argentine Mill, a distance of approximately 1 mile.

Wet drilling is practiced exclusively.

SURFACE PLANT consists of building of concrete and wood construction, housing single-drum, electrically-driven Hoist. This new equipment was installed late in 1943 and early 1944, replacing temporary building and equipment used previously.

Also a building of concrete and wood construction houses an electrically-driven Air Compressor, Dry and Change Room and Store Room. Steel is sharpened at Atlantic Cable Blacksmith Shop. Men live in Rico.

SHAFT:- Head Frame is of wood construction. There are Ore Bins and Trestles. Hoist is equipped with 7/8" Cable and automatic dumping Skip. All this equipment, including fastenings, etc., is in good condition. All moving parts are properly guarded.

TIMBERING: Considerable timbering is necessary and is well installed. All Openings are covered and guarded. Ladders are in good condition.

UNDERGROUND HAULAGE is man power. Cars and track are in good condition.

EXPLOSIVES: A well-built Surface Explosive Storage Magazine is located at a safe distance from all buildings. Caps are safely stored. Carbide is stored in a safe, dry place. Present powder regulations are fully observed.

ELECTRICITY is used for power and surface lighting and underground stations. It is well-installed, insulated, grounded and guarded.

FIRE PROTECTION consists of water and chemical extinguishers.

VENTILATION is both mechanical and natural.

MISCELLANEOUS: This mine operated continuously during the year. During that time they connected the Van Winkle and Atlantic Cable Shafts by an 1100 ft. Cross-cut. A Battery Locomotive will be installed in this cross-cut in the near future. This installation will bring most of the ore from the Atlantic Cable Operation. It will be hoisted through the Van Winkle Shaft for a shorter haul to the mill.

page c san manne mane

The 100 ft. point in the Van Winkle Shaft has the same elevation as the 60 ft. Level of the Atlantic Cable Shaft.

Everything is clean and orderly about the property.
This company co-operates with the State Bureau of Mines, and with the Inspector, and insists upon observance of safety rules and regulations.

Respectfully submitted,

State Metal Mine Inspector, District No. 4

Note; -

Complete development work on the Van Winkle Mine during 1944 consisted of 2700 ft. of drifts and raises, a stope 120 ft. in length and 30 ft. in height, and three smaller stopes each about 75 ft. in length and 20 ft. high.

INSPECTOR'S REPORT

: L	District No <u>FOUT</u>		•
Rico	Colorado.	May 8th	1945
VAN WINKLE MINE (Unit	of the Rico-Arge	entine Group of	Mines.)
County Dolores Pioneer Mining District	·		
Location 1 mile easterly fr Reached by auto and trail		loRico,	Colorado · (Nearest Town)
Owner Rico Argentine Mini	ing Company		
Address Dooley Block, Sa	alt Lake City, U1	tah	
Operator Rico-Argentine Min C.T. Van Winkle, Address J.C. Johnson, Vic W.G. Seeley, Secr James Edmunds, Name and address of agent, general ma	Pres.& Gen.Mgr., ce-Pres. 151 Fire retary.132 Main S	Salt Lake City, It Ave., Salt Lak St., Salt Lake Ci , Colorado whom to serve notices	Owner or Lessee , Utah, and Rico, Colo. Ke City, Utah. Lty, Utah.
C.T. Van Winkle, Gen. Mgr.	, Salt Lake City,	Utah, and Rico,	Colorado
Name and address of local manager or C.T. Van Winkle, Gen. Mgr.	•		, Colorado
Name and address of company or person. T. Van Winkle, Gen. Mgr.		•	
		•	
Character of ore or other products Su	ilphides, carryii	ng gold, silver, copper and	, lead, iron pyrites zinc.
Production during 1944, Producing	6,107 tons		-Not Producing
Number employed underground 26	On surfac	ce 4 A	Aill .
Compensation insurance carried Accident Report Blanks an Remarks: Have Telephone. First Aid Supplies are post- Have Dry and Change Room. Safety and Sanitary Condi	rovideā. . Signal Code i:	s used.	etory.
DESCRIPTION OF PROPERTY:- Shaft which is 312 feet in throughout with 8' x 8' s	in depth. It is	2-compartment	and timberec

150 ft. below collar. A drift extends south 215 ft. from shaft. A

prospect raise is 72 ft. in height above this drift. A southerly drift extends 219 ft. from the shaft.

No.1 Level connects Van Winkle and Atlantic Cable Shafts. Ore is mined on and above No.1 Level. Both north and south headings are being advanced.

Level No.2 is approximately 150 ft. below Level No.1. Drifts extend approximately 300 ft. northerly and approximately 300 ft. southerly from the shaft, on this level. Ore is mined on and above No. 2 Level both north and south of shaft. Both north and south headings are being advanced. Development on No. 2 Level consists of 400 ft. of Cross Cut and a 3-compartment Raise, up 35 feet, which will, when completed, connect No.1 and 2 Levels.

All ores of the Van Winkle Mine are hoisted through the Van Winkle Shaft, thence trucked to the Rico Argentine Mill, a distance of approximately 1 mile.

Air-operated mucking machines are used in all headings, and air-driven slushers in all inclined stopes.

Ore is found in beds and fissures and is located by diamond drilling. Ore is a sulphide, carrying gold, silver, lead, iron pyrites, copper and zinc. Stated values up to \$20.00 per ton.

Production was 6,107 tons during 1945. Wet drilling is practiced exclusively.

SURFACE PLANT includes a building of concrete and wood construction housing single-drum, electrically-driven Hoist, equipped with 7/8" Cable and automatic dumping Skip. All this equipment, including fastenings, etc., is in good condition. All moving parts are properly guarded. Also a building of concrete and wood construction houses an electrically-driven Air Compressor, Dry and Change Room and Store Room.

Steel is sharpened at Atlantic Cable Blacksmith Shop. Men live in Rico.

SHAFT:- Head Frame is of wood construction. There are Ore Bins and Trestles.

TIMBERING: - Considerable Timbering is necessary and is well installed. All Openings are covered and guarded. Ladders are in good condition.

UNDERGROUND HAULAGE is both Battery Locomotive and man power. Cars and Track arein good condition.

EXPLOSIVES: A well-built Surface Explosives Storage Magazine is located at a safe distance from all buildings. Caps are safely stored. Carbide is stored in a safe, dry place. Present powder regulations are fully observed.

ELECTRICITY is used for power and surface lighting and underground stations. It is well installed, insulated, grounded and guarded.

FIRE PROTECTION consists of water and chemical extinguishers. VENTILATION is both natural and mechanical.
MISCELLANEOUS: This mine operated continuously during the year.
An automatic, electrically-driven, deep-well Pump located on No.2
Level delivers water to No.1 Level, thence by gravity to the surface of the Atlantic Cable Mine.

page 3 Van Winkle Mine

An automatic, electrically-driven, deep-well pump located on No.2 Level pumps water from the 30 ft. sump of the Van Winkle Shaft to the cross-cut leading to the 40 ft. Level of the Atlantic Cable Group, thence by gravity thru a water tunnel to the surface.

The 300 ft. point in the Van Winkle Shaft has the same eleva-

tion as the 60 ft. Level of the Atlantic Cable Shaft.

Everything is clean and orderly about the property.

This Company co-operates with the State Bureau of Mines and with the Inspector and insists upon observance of safety rules and regulations.

Respectfully submitted

D. C. Mc Marghtun State Metal Mine Inspector, District No. 4

INSPECTOR'S REPORT

	*, .	Rico	Colorado.		May 23	19.46
VAN	WINKLE	MINE (Unit	of the Rico-Al (Name of Mine, Quarr	rgentine Gro	oup of Mines.)
C	Dollar	· · · · · · · · · · · · · · · · · · ·				
	y Dolor					•
		ng District	from Rico, Col	orado	Rico, C	oloredo
		uto and trail	•		(Nearest 1	Town)
	•	rgentine Min	•		•	
Addre	ss Doo	ley Block, S	alt Lake City,	Utah	·	
	<u></u>					
Operat Addre	C.T	.Johnson, Vi	ning Company Pres. & Gen. N ce-Pres.,151 E etary,132 Mair	First Ave.,	ake City,Utah Salt Lake Cit	y,Utah
Name			anager or other office	. *		
		•	gr.,Salt Lake			•
				,		•
			or person in direct ch			_
C. T.	Van Wink	le, Gen. Man	ager, Salt Lal	te City, Utar	and Rico, C	olo.
			•			
Nama	and addrage	of company or par	on to whom notificat	ion of Annial Par	ort chould be cont	•
			ager, Salt Lai			٥٥٥
J. I.	TALL HILL	ere, den. man	ager, part bar	ic orog,ouar	i and itto, o	
	-					• •
Charac	cter of ore o	r other products St	ulphides, carı	rying gold,	silver, lead copper and	
harc	uction d	uring 1945 w	as 14,287 tons		•	
roduc		m 1110 1010 W	ab 11,201 bom	•	.4	Not Producing .
			•			•
Vumb	er employed	underground 31	On s	surface 4	Mill	
		•	٠.			•
		rance carried	• -		Gomponsatio	on not carried
		ort Blanks a	re on hand.			
		Telephone. pplies are p	novi čeč	•		
			. Signal Cod	le is used		
			itions, in ger		satisfactory.	
_ •			, ,	,		
		OF PROPERTY:			by the Van	
			th. It is 2-c			
		sawed timber			mately 150 f	
71	ar Drif	"ts extend be	th northerly	and souther?	lv from this	shaft.

No.1 Level connects Van Winkle and Atlantic Cable Shafts. Level No.2 is approximately 150 ft. below Level No.1. Drifts extend both northerly and southerly from the shaft on this level.

Ore is now mined on and above Nos. 1 and 2 Levels.

Drifting and cross-cutting on No.1 and No.2 Levels was advanced to ore bodies previously developed by diamond drilling.

The South Park Fissure was prospected by drifting and diamond drilling. A cross-cut has been advanced 700 ft. toward the Smelter Fault.

1,017 ft. of diamond drilling was done on the Van Winkle Unit. All ores of the Van Winkle Mine are hoisted through the Van Winkle

Shaft, thence trucked to the Rico Argentine Mill, a destance of approximately l mile.

Air-operated Mucking Machines are used in all headings, and air-driven Slushers in all inclined stopes.

Ore is found in beds and fissures and is located by diamond drilling. Ore is a sulphide, carrying gold, silver, lead, iron pyrites, copper and zinc. Production was 14,287 tons during 1945. Wet drilling is practiced exclusively.

SURFACE PLANT: - A building of concrete and wood construction, houses an electrically-driven Air Compressor, Dry and Change Room and Store Room. Steel is sharpened at Atlantic Cable Blacksmith Shop. Men live in Rico.

SHAFT:- A building of concrete and wood construction houses single-drum, electrically-driven Hoist, equipped with 7/8" Cable and automatic dumping Skip. All this equipment, including fastenings, etc., is in good condition. All moving parts are properly guarded.

Head Frame, Ore Bins and Trestle are of wood construction.

TIMBERING: - Considerable Timbering is necessary and is well installed. All openings are covered and guarded. Ladders are in good condition.

UNDERGROUND HAULAGE is both Battery Locomotive and man power. Cars and Track are in good condition.

EXPLOSIVES: - A well-built Surface Explosives Storage Magazine is located at a safe distance from all buildings.

Caps are safely stored. Carbide is stored in a safe dry place. ELECTRICITY is used for power and lighting for surface and underground It is well installed, insulated, grounded and guarded. FIRE PROTECTION consists of water and chemical extinguishers.

VENTILATION is both natural and mechanical.

MISCELLANEOUS: -This mine operated continuously during the year. An automatic, electrically-driven, deep-well Pump, located on No.2 Level delivers water to No.1 Level, thence by gravity to the surface of the Atlantic Cable Tunnel.

The 100 ft. point in the Van Winkle Shaft has the same elevation as the 60 ft. Level of the Atlantic Cable Shaft.

Everything is clean and orderly about the property.

This Company co-operates with the State Bureau of Mines, and with the Inspector, and insists upon observance of safety rules and regulations. Respectfully submitted

State Metal Mine Inspector, District No. 4

INSPECTOR'S REPORT

	District No.	Four	·····	
	Rico Co	lorado	August 14	19.47
THE VAN WINKLE	MINE (A unit o	of the Rico-	Argentine Grou	p of Mines)
County Dolores				•
Pioneer Mining I		. Colomoão	P4 00 (onedo
Location 1 mile es Reached by auto), Colorado		olorado Nearest Town)
Owner Rico Argent	•	any		
Address Dooley Bl	ock, Salt Lake (City, Utah		
Address	tine Mining Comp Winkle, Pres. & Go son, Vice-Pres., l ey, Secretary, 132	L51 First Av	e.,Salt Lake (City, Utah
Name and address of age	nt, general manager or ot	her officer on who	m to serve notices	•
C.T. Van Winkle,	Gen. Mgr., Salt 1	Lake City, Ut	ah and Rico, (bolo.
;	÷		•	
Name and address of loc C.T. Van Winkle,	- · · · · · · · · · · · · · · · · · · ·		-	oo, Colo.
Name and address of con C.T.Van Winkle,			•	e sent Lah and Rico, Colo
• ;				
Character of ore or other	products Sulphide	s, carrying		copper, lead, es and zinc.
Production is 65	tons per day.			·
Producing	y comp por day:			Not Producing
Number employed under	ground 61	On surface	14 A ti	#Miscellaneous 1
Compensation insurance	carried	•	Com	parastic motor rise
Remarks: Have Tell First Aid Suppli	les are provided	•		
Have Dry and Cha	mee room. Sig	nal Code is	usea.	

DESCRIPTION OF PROPERTY: This mine is developed by the Van Winkle Shaft which is 312 ft. in depth. It is 2-compartment and timbered throughout with 8' x 8' sawed timbers. Level No.1 is approximately 150 ft. below

Safety and Sanitary Conditions, in general, are satisfactory.

collar. Drifts extend both northerly and southerly from this shaft. No.1 Level connects Van Winkle and Atlantic Cable Shafts. is approximately 150 ft. below Level No.1. Drifts extend both northerly and southerly from the shaft on this level.

Ore is now mined on and above levels Nos. 1 and 2.

Drifting and cross-cutting on No.1 and No. 2 Levels was advanced

to ore bodies previously developed by diamond drilling.

All ores of the Van Winkle Mine are hoisted through the Van Winkle Shaft, thence trucked to the Rico Argentine Mill, a distance of approxmately 1 mile.

Air-operated Mucking Machines are used in all headings, and air-

driven Slushers in all inclined stopes.

Ore is found in beds and fissures and is located by diamond drilling. Ore is a sulphide, carrying gold, silver, lead, copper, iron pyrites and zinc. Production is 65 tons per day.

Wet drilling is practiced exclusively.

SURFACE PLANT: - A Building of concrete and wood construction, houses an electrically-driven Air Compressor, Dry and Change Room and Store Steel is sharpened at Atlantic Cable Blacksmith Shop. Men live in Rico.

SHAFT:- A Building of concrete and wood construction houses single-drum electrically-driven Hoist, equipped with 7/8" Cable and automatic dumping Skip. All this equipment, including fastenings, etc., is in

good condition. All moving parts are properly guarded.

Head Frame, Ore Bins and Trestle are of wood construction. TIMBERING: - Considerable Timbering is necessary and is well installed. All Openings are covered and guarded. Ladders are in good condition. UNDERGROUND HAULAGE is both Battery Locomotive and man power. and Track are in good condition.

EXPLOSIVES:- A well-built Surface Explosives Storage Magazine is located at a safe distance from all buildings. Caps are safely stored.

Carbide is stored in a safe dry place.

ELECTRICITY is used for power and lighting for surface and underground stations. It is well installed, insulated, grounded and guarded. FIRE PROTECTION consists of water and chemical extinguishers. VENTILATION is both natural and mechanical.

MISCELLANEOUS: - This mine operated continuously during the year. An automatic, electrically-driven, deep-well Pump, located on No.2 Level delivers water to No.1 Level, thence by gravity to the surface of the Atlantic Cable Tunnel.

The 100 ft. point in the Van Winkle Shaft has the same elevation as the 60 ft. Level of the Atlantic Cable Shaft.

Everything is clean and orderly about the property.

This Company co-operates with the State Bureau of Mines, and with the Inspector, and insists upon observance of safety rules and regulations. Respectfully submitted

DCM: Marythi

State Metal Mine Inspector, District No. 4

INSPECTOR'S REPORT

•	District NoFour		•
/ Riço	Colorado.	April 10	1948
THE VAN WINKLE MI	NE (a unit of the (Name of Mine, Quarry o	Rico Argentine Group	of Mines)
County Dolores Pioneer Mining Distriction 1 mile easter reached by auto and of Owner Rico Argentine	rly from Rico, Colo Crail	rado Rico, Colora (Neares	
Address Dooley Block	c, Salt Lake City,	Utah	
Address W.G. Seeley,	secretary. 132 Ma	gr.,Salt Lake City,Ut rst Ave.,Salt Lake Ci in Street, Salt Lake	ty.Utah
Name and address of agent, gene C.T. Van Winkle, Gen.		on whom to serve notices y, Utah, and Rico, Col	o
Name and address of local mana C.T. Van Winkle, Gen.		ge of operations y, Utah, and Rico, Col	- o
		n of Annual Report should be sent ity, Utah, and Rico,	
Character of ore or other produc	ts Sulphides, carry	ing gold, silver, cop iron pyrites and zi	per, lead
Production is 65 tons	ner dav	•	· _

Producing

Not Producing

Number employed underground

50

On surface 14

Miscellaneous 1

Compensation insurance carried

Accident Report Blanks are on hand.

Remarks: Have Telephone.

First Aid Supplies are provided.

Have Dry and Change Room. Signal Codes are used.

Safety and Sanitary Conditions, in general, are satisfactory.

DESCRIPTION OF PROPERTY: This mine is developed by the Van Winkle Shaft which is 312 ft. in depth. It is 2-compartment and timbered throughout with 8 x 8 sawed timbers. Level No.1 is approximately 150 ft. below

collar. Drifts extend both northerly and southerly from this shaft. No.1 Level connects Van Winkle and Atlantic Cable Shafts. Level No. 2 is approximately 150 ft. below Level No.1. Drifts extend both northerly and southerly from the shaft on this level.

Ore is now mined on and above Levels Nosel and 2.

Drifting and cross-cutting on No.1 and No. 2 Levels was advanced to ore bodies previously discovered by diamond drilling.

Total development for 1947 was as follows:-

North Drift was extended 834 ft. South Drift, 304 ft. East Drift 621 ft West Drift 388 ft. and 410 ft. of raises excavated. These drifts and raises are on both No.1 and No. 2 Levels.

2227 ft. of diamond drilling was done in various parts of the mine. All ores of the Van Winkle Mine are hoisted through the Van Winkle Shaft, thence trucked to the Rico Argentine Mill, a distance of approximately 1 mile.

Air-operated Mucking Machines are used in all headings, and airdriven Slushers in all inclined stopes.

Raises are equipped with air-driven Tugger-type Hoists, with 3/8" Cable and Skip, all in good condition.

Ore is found in beds and fissures and is located by diamond drilling. Ore is a sulphide, carrying gold, silver, copper, lead, iron pyrites and zinc. Production is 65 tons per day.

Wet drilling is practiced exclusively. Detachable bits are used. SURFACE PLANT: - A building of concrete and wood construction, houses an electrically-driven Air Compressor, Dry and Change Room and Store Steel is sharpened at Atlantic Cable Blacksmith Shop. . Men live in Rico.-

SHAFT:- A building of concrete and wood construction houses single-drum electrically-driven Hoist, equipped with 7/8" Cable and automatic dumping Skip. All this equipment, including fastenings, etc., is in good condition. All moving parts are properly guarded. Head Frame, · Ore Bins and Trestle are of wood construction. UNDERGROUND HAULAGE is both Battery Locomotive and man power. Cars and

Track are in good condition. .

TIMBERING: - Considerable timbering is necessary and is well installed. All openings are covered and guarded. Ladders are in good condition. EXPLOSIVES:- A well-built Explosives Storage Magazine is located at a safe distance from all buildings. Caps are safely stored. Carbide is stored in a safe dry place.

ELECTRICITY is used for power and lighting for surface and underground stations. It is well installed, insulated, grounded and guarded. FIRE PROTECTION consists of water and chemical extinguishers. VENTILATION is both natural and mechanical. Ventilating equipment is electrically driven.

MISCELLANEOUS: - This mine operated continuously during the year. An automatic, electrically-driven, deep-well Pump, located on No. 2 Level, delivers water to No.1 Level, thence by gravity to the surface of the Atlantic Cable Tunnel.

The 100 ft. point in the Van Winkle Shaft has the same elevation as the 60 ft. Level of the Atlantic Cable Shaft.

Everything is clean and orderly about the property.

This company co-operates with the State Bureau of Mines, and with the Inspector, and insists upon observance of safety rules and regulations Respectfully submitted

State Metal Mine Inspector, District No. 4